

ANCHOR POST IRON WORKS



ALFRED H. HARRIS
WORKS



A

W. A.
W. P.

Anchor Post Iron Works

Formerly Anchor Post Company



Office and Showrooms
After May 1st, 1906
41 PARK ROW, NEW YORK CITY

Until May 1st, 1906
15 CORTLANDT STREET

Telephone: 8733-8734 Cortlandt

SHOPS: GARWOOD, NEW JERSEY

SALES AGENTS

W. A. SNOW IRON WORKS
19 Portland St., Boston, Mass.

MERRITT & CO.
1024 Ridge Ave., Philadelphia Pa.

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THE FLOWER MEMORIAL GATEWAY

Watertown, N. Y.



WITH each succeeding edition of our catalogue it becomes more difficult for us to choose from our collection of photographs of fences, gates, railings, arbors, etc., those we wish to publish as being fairly representative of the work we are doing. Our printer tells us that this catalogue

is overcrowded with illustrations and descriptive matter, and yet we have omitted so much that we should like to include that we have decided to publish, from time to time, three or four supplements to this general catalogue, illustrating special and important branches of our business.

The first of these supplements is devoted to enclosures of all kinds for domestic animals and wild game, and includes plans and descriptions of the best type of poultry buildings and yards, the best type of dog kennels and yards, described by a practical and well-known breeder. Also illustrations of out-of-door aviaries, poultry fences, cattle pens, etc.

The second supplement will be descriptive of railings, entrance gates and fences built by us for cemeteries and public institutions.

The third supplement illustrates fences for factories, water companies and railroads.

We make a specialty of appliances of various kinds for formal gardens, and illustrate on pages 24 to 27 a number of arbors, trellises, wire espaliers and wrought-iron pergolas.

The fences shown on pages 5 to 20 are all built with **ANCHOR FENCE POSTS**. These posts are the product of many years' practical experience in the building of iron and wire fences.



THE principal advantage of our posts, and one that cannot be too strongly emphasized, is in the form of anchorage which holds the posts in their true alignment. There are many iron fences that look well when first set, but in a year or even a few months they fall out of line and always afterward look shabby and unsightly.

It has always been our policy to manufacture the most durable fences that can be made, rather than the very cheapest. For this reason we **galvanize** the post bar (*i. e.*, the post proper, exclusive of the drive anchors); as the anchors are entirely imbedded in the ground, and are thus protected from the action of the weather, galvanizing this part of the post is unnecessary; so also with the end and corner posts, as they are made of a very heavy section of steel.

Samples of fences, gates and ornamental iron work, as well as photographs and designs, may be seen at our office and salesrooms.

Our shops, which are situated at Garwood, N. J., on the Central Railroad of New Jersey, are always open to the inspection of any of our customers who may be interested in seeing their work in the process of manufacture. With the best modern equipment, skilled labor and shipping facilities, we are confident that we can insure good workmanship at the lowest possible cost.

We will, if desired, furnish estimates for work set up complete, in any part of the country. We are equipped to do this as quickly and economically as possible, as we have a trained force of erectors or "outside men," who are employed exclusively in the putting up of our fences, gates, etc.

(Prices and discounts are for goods on board cars at our factory, and unless so specified, do not include the cost of erecting.)

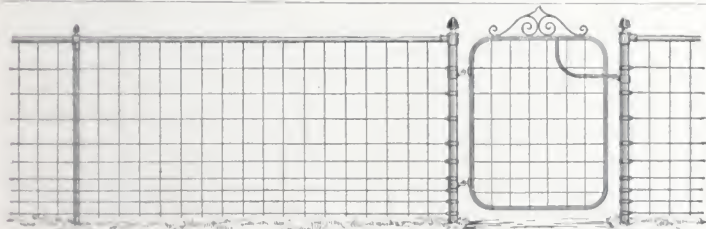
Agreements made by customers with agents will not be binding on the Company unless submitted to and approved by the home office.



LAWN FENCE WITH TOP RAIL

This fence is built of **galvanized** Anchor Posts and braided wire. The top rail, which is of wrought-iron pipe ($1\frac{1}{4}$ inch outside diameter), gives great strength to the fence. For heights of $3\frac{1}{2}$ feet or less, four wires are used, and five wires for a height of 4 feet.

| HEIGHT ABOVE GROUND | PRICE PER LINEAL FOOT | | PRICE OF END, CORNER AND GATE POSTS | PRICE OF GATES | |
|------------------------|-----------------------|----------|--|-------------------|---------------------------|
| | POSTS SPACED | | | SINGLE 3½ FEET | DOUBLE 10-foot opening |
| | 6 feet | 10 feet | | | |
| 2 in. | 35 cents | 31 cents | \$3.50 each | \$8.00 | \$19.00 per pair |
| 3 " 6 in. | 37 " | 33 " | 3.75 " | 8.00 | 19.00 " |
| 4 " | 39 " | 35 " | 3.75 " | 8.00 | 19.00 " |
| 5 " 6 " | 41 " | 37 " | 4.00 " | 9.00 | 21.00 " |



SPECIAL NETTING FENCE WITH TOP RAIL

This fence is constructed of **galvanized** Anchor Posts, pipe top rail and woven wire netting. The vertical wires are spaced five inches apart, the horizontal cables $6\frac{1}{2}$ inches at the top of the netting, decreasing to 3-inch spacing at the bottom.

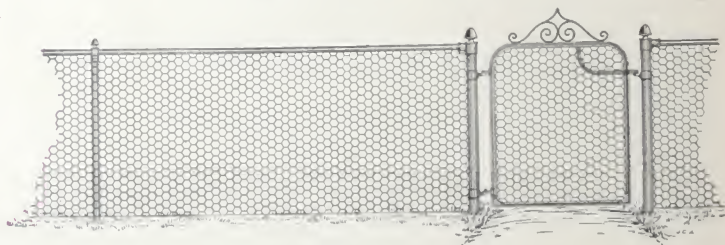
| HEIGHT ABOVE GROUND | PRICE PER LINEAL FOOT | | PRICE OF END, CORNER AND GATE POSTS | PRICE OF GATES | |
|------------------------|-----------------------|----------|--|-------------------|---------------------------|
| | POSTS SPACED | | | SINGLE 3½ feet | DOUBLE 10-foot opening |
| | 8 feet | 10 feet | | | |
| 3 ft. 6 in. | 43 cents | 39 cents | \$3.50 each | \$8.00 | \$19.00 per pair |
| 4 " | 45 " | 41 " | 3.75 " | 8.00 | 19.00 " |
| 5 " | 51 " | 47 " | 4.00 " | 9.00 | 21.00 " |



WOVEN WIRE LAWN FENCE

The illustration on this page shows a fence of heavy woven netting (mesh 6 by 3 inches) on **galvanized** Anchor Posts and top rail. It is strong and durable and suitable for a front fence, as it is neat and close enough to keep out dogs and chickens.

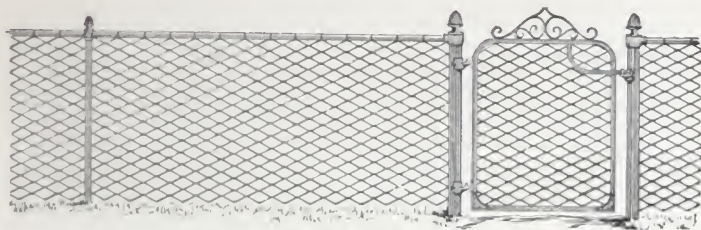
| HEIGHT ABOVE GROUND | PRICE PER LINEAL FOOT | | PRICE OF END, CORNER AND GATE POSTS | PRICE OF GATES | |
|------------------------|-----------------------|----------|--|-------------------|---------------------------|
| | POSTS SPACED | | | SINGLE 3½ feet | DOUBLE 10-foot opening |
| | 8 feet | 10 feet | | | |
| 3 ft. | 52 cents | 48 cents | \$3.50 each | \$8.00 | \$19.00 per pair |
| 3 " 6 in. | 54 " | 50 " | 3.75 " | 8.00 | 19.00 " " |
| 4 " | 57 " | 53 " | 3.75 " | 8.00 | 19.00 " " |
| 4 " 6 " | 60 " | 56 " | 4.00 " | 9.00 | 21.00 " " |



WIRE NETTING FENCE

The posts and the top rail are the same as those described on previous pages. The netting is made of No. 16 wire, 2-inch mesh, galvanized after it is woven, which makes it a very durable fencing material. A heavy wire is stretched at the bottom of the fence to give extra strength at this point. The wire mesh is small enough to keep out dogs and chickens.

| HEIGHT ABOVE GROUND | PRICE PER LINEAL FOOT | | PRICE OF END, CORNER AND GATE POSTS | PRICE OF GATES | |
|------------------------|-----------------------|---------|--|-------------------|---------------------------|
| | POSTS SPACED | | | SINGLE 3½ feet | DOUBLE 10-foot opening |
| | 8 feet | 10 feet | | | |
| 3 ft. | 42 cents | 38cents | \$3.50 each | \$8.00 | \$19.00 per pair |
| 3 " 6 in. | 44 " | 40 " | 3.50 " | 8.00 | 19.00 " " |
| 4 " | 46 " | 42 " | 3.75 " | 8.00 | 19.00 " " |
| 5 " | 50 " | 46 " | 4.00 " | 9.00 | 21.00 " " |



EXPANDED METAL FENCE

The above illustration shows a fence of expanded metal on **galvanized** Anchor Posts with pipe top rail. The expanded metal is not wire, but is made from sheets of steel which are cut and then drawn out or "expanded," forming the mesh, as shown in the illustration. The size of the mesh is 6x3 inches.

| HEIGHT ABOVE GROUND | PRICE PER LINEAL FOOT | PRICE OF END, CORNER AND GATE POSTS | PRICE OF GATES | |
|------------------------|-----------------------|--|-------------------|---------------------------|
| | POSTS 8 FEET | | SINGLE 3½ feet | DOUBLE 10-foot opening |
| 3 ft. 6 in. | 80 cents | \$3.50 each | \$8.00 | \$19.00 per pair |
| 4 " | 85 " | 3.75 " | 8.00 | 19.00 " |



PIPE FENCE, WITH ANCHOR POSTS

We illustrate on this page a three-rail pipe fence with **galvanized** Anchor Posts. The rails, which are of 1-inch pipe (1½ inch outside diameter), pass through the posts and are joined together by standard screw couplings. This fence is easy to build and can be set on graded as well as level ground.

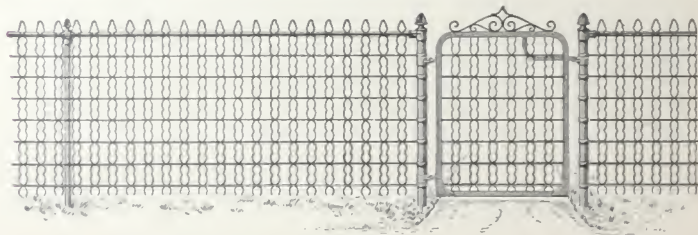
| HEIGHT ABOVE GROUND | NUMBER OF RAILS | PRICE PER LINEAL FOOT | PRICE OF END, CORNER AND GATE POSTS | PRICE OF GATES | |
|------------------------|--------------------|--------------------------|--|-------------------|---------------------------|
| | | POSTS 8 FT. | | SINGLE 3½ feet | DOUBLE 10-foot opening |
| 3 ft. 6 in. | 3 rails | 60 cents | \$3.50 each | \$10.00 | \$24.00 per pair |
| 3 " | 3 " | 60 " | 3.50 " | 10.00 | 24.00 " |
| 4 " | 4 " | 72 " | 3.75 " | 12.00 | 30.00 " |



PIPE FENCE WITH ANCHOR POSTS

This fence is made of tubular **galvanized** Anchor Posts, $1\frac{1}{4}$ inch outside diameter. The rails, which are of steel tubing, $1\frac{1}{4}$ inch outside diameter, are not screwed to the post, but are held in place by sockets bolted to the posts. This is a form of construction which is stronger and better-looking than the standard pipe fittings.

| HEIGHT ABOVE GROUND | NUMBER OF RAILS | PRICE PER LINEAL FOOT POSTS 8 FT. | PRICE OF END, CORNER AND GATE POSTS | PRICE OF GATES | |
|------------------------|--------------------|---|--|-------------------------------|---------------------------|
| | | | | SINGLE $3\frac{1}{2}$ feet | DOUBLE 10-foot opening |
| 3 ft. 6 in. | 3 rails | 85 cents | \$3.50 each | \$12.00 | \$35.00 per pair |
| 4 " 6 in. | 4 " " | \$1.00 | 3.75 " " | 15.00 | 40.00 " " |



WIRE PICKET FENCE

This illustration shows a fence made of heavy wire pickets woven together. It is one of the strongest of our wire fences and is built on **galvanized** Anchor Posts and pipe top rail.

| HEIGHT ABOVE GROUND | PRICE PER LINEAL FOOT POSTS SPACED | | PRICE OF END, CORNER AND GATE POSTS | PRICE OF GATES | |
|------------------------|---------------------------------------|----------|--|-------------------------------|---------------------------|
| | 8 feet | 10 feet | | SINGLE $3\frac{1}{2}$ feet | DOUBLE 10-foot opening |
| 3 ft. 1 in. | 80 cents | 76 cents | \$3.50 each | \$8.00 | \$19.00 per pair |
| 3 " 7 " | 88 " | 84 " | 3.50 " | 8.00 | 19.00 " |
| 4 " 1 " | 96 " | 92 " | 3.75 " | 8.00 | 19.00 " |

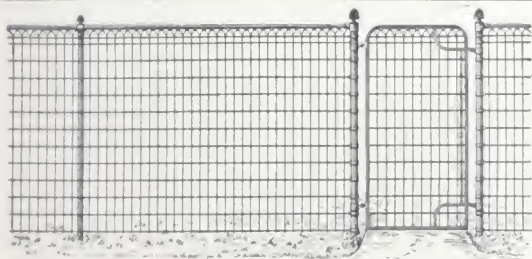


SPECIAL NETTING FENCES—5 TO 8 FEET HIGH

This fence is made in heights of 5 feet to 8 feet. It is constructed of **extra heavy, galvanized** Anchor Posts and pipe top rail. We have sold this fence extensively for private estates, race tracks and public institutions.

The galvanized wire netting is the same as that described on page 7.

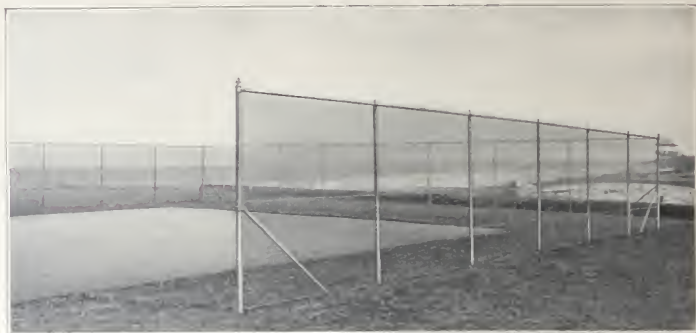
| HEIGHT ABOVE GROUND | PRICE PER LINEAL FOOT | | PRICE OF END, CORNER AND GATE POSTS WITH BRACE | PRICE OF EXTRA SIZE GATE POSTS | PRICE OF GATES | |
|---------------------------|-----------------------|----------|--|---|-------------------|--------------------------|
| | POSTS SPACED | | | | SINGLE 3½ feet | DOUBLE 10-ft. opening |
| | 8 feet | 10 feet | | | | |
| 5 feet | 59 cents | 53 cents | \$5.75 each | \$8.50 | \$9.00 | \$21.00 per pair |
| 6 " | 65 " | 59 " | 7.00 " | 9.50 | 12.00 | 25.00 " " |
| 7 " | 71 " | 64 " | 7.50 " | 10.50 | 14.00 | 29.00 " " |
| 8 " | 76 " | 69 " | 8.00 " | 11.00 | 16.00 | 33.00 " " |



WOVEN WIRE FENCE—5 TO 6½ FEET HIGH

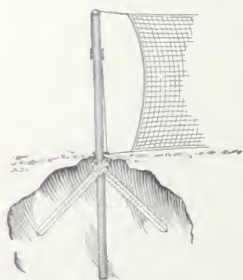
This fence is similar to that described on page 8, but is 5 to 6 feet 6 inches in height. It is built on **extra heavy, galvanized** Anchor Posts with pipe top rail. The wire in this fence is a heavy crimped wire, bound together by twisted cables, making a very strong fencing material. The meshes are 3 inches wide by 6 inches high.

| HEIGHT ABOVE GROUND | PRICE PER LINEAL FOOT | | PRICE OF END, CORNER AND GATE POSTS WITH BRACE | PRICE OF EXTRA SIZE GATE POSTS | PRICE OF GATES | |
|---------------------------|-----------------------|----------|--|---|-------------------|--------------------------|
| | POSTS SPACED | | | | SINGLE 3½ feet | DOUBLE 10-ft. opening |
| | 8 feet | 10 feet | | | | |
| 5 feet | 72 cents | 66 cents | \$5.75 each | \$8.50 | \$9.00 | \$21.00 per pair |
| 6 " | 84 " | 78 " | 7.00 " | 9 50 | 12.00 | 25.00 " " |
| 6 " 6 in. | 93 " | 86 " | 7.50 " | 10.50 | 14.00 | 29.00 " " |



TENNIS FENCE

We make a specialty of building fences for Tennis Courts, and reproduce on this page a photograph of one of these enclosures, which is 8 feet in height, built with **extra heavy, galvanized** Anchor Posts, pipe top rail and fine mesh nettings. Where the court is to be surrounded on four sides the enclosure should be as nearly as possible 124 feet in length by 64 feet in width, as shown by the diagram at the bottom of page 13. It is, however, cheaper and sometimes more desirable to erect these fences across the ends only. In this case they should be 70 to 80 feet in length and 8 feet in height. We have equipped a great many Tennis Courts

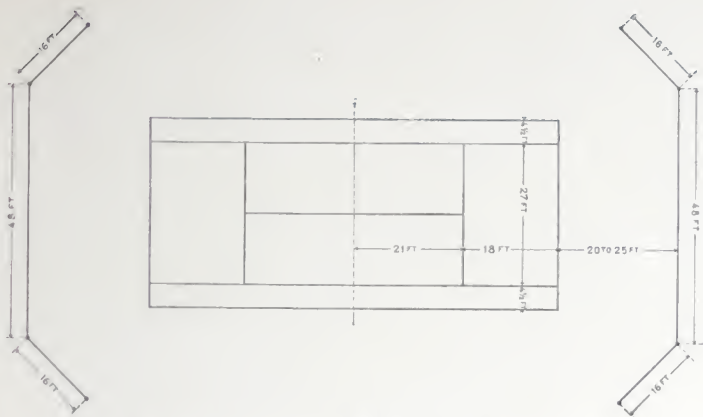


POST FOR TENNIS NET.

with these fences and back stops. They are neat and inconspicuous and far more durable than a fence with wooden posts, which is usually unsightly and in constant need of renewal.

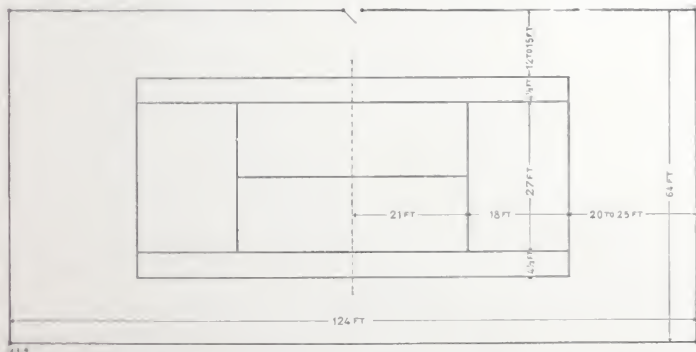
These posts are made of steel tubing, $2\frac{1}{2}$ inches in diameter, fitted with a grooved cap over which the rope of the net is passed and fastened to a cleat on the side of the post. Price each, \$4.00.

| HEIGHT ABOVE GROUND | PRICE PER LINEAL FOOT | | PRICE OF END, CORNER AND GATE POSTS WITH BRACE | PRICE OF EXTRA SIZE GATE POSTS | PRICE OF GATES | |
|---------------------------|-----------------------|----------|--|---|-------------------|--------------------------|
| | POSTS SPACED | | | | SINGLE 3½ feet | DOUBLE 10-ft. opening |
| | 8 feet | 10 feet | | | | |
| 7 feet | 73 cents | 66 cents | \$7.50 each | \$10.25 | \$14.00 | \$29.00 per pair |
| 8 " | 78 " | 71 " | 8.00 " | 11.00 | 16.00 | 33.00 " |



PLAN OF TENNIS COURT WITH BACK-STOP FENCES

The plan shown above illustrates our method of placing back-stop netting fences which can, of course, be varied in dimensions or location to suit individual courts. It is a common mistake, however, to place the back stops too close to the end lines of the court. Wherever possible, they should be set from 20 to 25 feet back of the court line.



PLAN OF TENNIS COURT ENCLOSED BY NETTING FENCE

The dimensions of the fence shown on this plan are approximate only, and can be changed to suit the conditions and location of individual courts. We do not, however, recommend making the enclosure smaller than that shown on the plan.

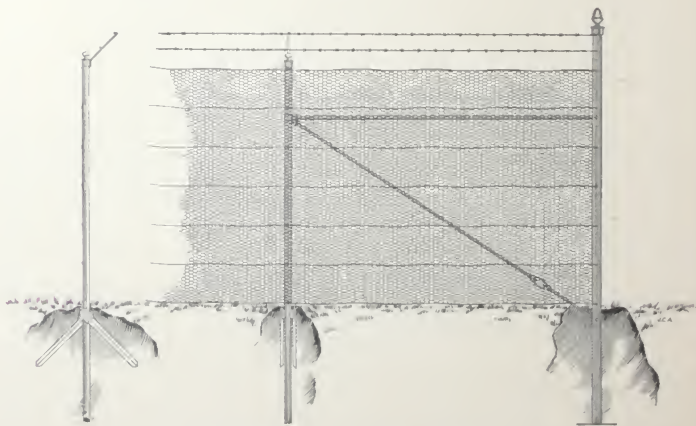
THE photograph on this page illustrates a part of 12,000 feet of unclimbable netting fence enclosing the reservoirs of the Passaic Water Co., of Paterson, N. J. The posts are **extra heavy galvanized Anchor Posts** having pipe top rail, fine mesh netting and five strands of barbed wire.



UNCLIMBABLE NETTING FENCE
WITH TOP RAIL.

We make a specialty of building fences of this character for water companies, railroads, factories, race tracks, game parks, cemeteries, public institutions and country estates.

They are cheaper than close board fences of equal height, and much better looking, afford the same degree of protection, and last longer. Another form of this same fence, but without the top rail, is shown by the illustration below, and described on the opposite page



UNCLIMBABLE NETTING FENCE.

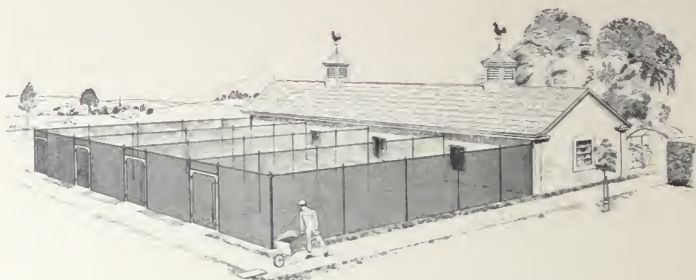


UNCLIMBABLE NETTING FENCE

As its name indicates, this is a very strong, close mesh netting fence which is practically unclimbable. The end and corner posts are very strong, and are set in concrete and securely braced, as shown in the illustration on the opposite page. The line posts are **extra heavy, galvanized** Anchor Posts, having a projecting arm on the top to which two or more strands of barbed wire are attached. The netting is $1\frac{1}{4}$ -inch mesh of the heaviest weight of wire used in weaving this size of mesh. Attached to the posts are seven or more strands of No. 9 coiled string wire to which the netting is fastened, and which give additional strength to the fence.

We have lately built over three miles of fence similar to this for the Westchester Racing Association at their new track, Belmont Park, Queens, L. I. It is superior in every way to a close board fence, as it is practically indestructible, and will not burn up or rot away.

| HEIGHT ABOVE GROUND INCLUDING ARM | PRICE PER LINEAL FOOT | | PRICE OF END, CORNER AND GATE POSTS WITH BRACE | PRICE OF GATES | |
|---|-----------------------|----------|--|-------------------|---------------------------|
| | POSTS SPACED | | | SINGLE 3½ feet | DOUBLE 10-foot opening |
| | 8 feet | 10 feet | | | |
| 6 feet | 59 cents | 53 cents | \$10.00 each | \$12.00 | \$20.00 per pair |
| 7 " | 65 " | 62 " | 10.50 " | 14.00 | 29.00 " |
| 8 " | 77 " | 70 " | 11.00 " | 16.00 | 33.00 " |



POULTRY FENCE

We have put up a great many poultry runs of the type illustrated on this page, as well as open-air enclosures or cages for pigeons, pheasants and game birds of all kinds. These fences are built with **galvanized** Anchor Posts, pipe top rail and wire netting. The outside of the yard has a very close mesh netting at the bottom of the fence, which is partly buried in the ground, and which protects the young birds from rats or weasels. The gates are made to match the fence and are hinged so as to fit closely to the posts.

| HEIGHT ABOVE GROUND | PRICE PER LINEAL FOOT | | PRICE OF END, CORNER AND GATE POSTS WITH BRACE | PRICE OF GATES | |
|------------------------|-----------------------|----------|--|-------------------|---------------------------|
| | POSTS SPACED | | | SINGLE 3½ feet | DOUBLE 10-foot opening |
| | 8 feet | 10 feet | | | |
| 6 feet | 65 cents | 59 cents | \$7.00 each | \$12.00 | \$25.00 per pair |
| 7 " | 72 " | 65 " | 7.50 " | 14.00 | 29.00 " |
| 8 " | 77 " | 70 " | 8.00 " | 16.00 | 33.00 " |



PIG PENS, "GEDNEY FARM," WHITE PLAINS, N. Y.

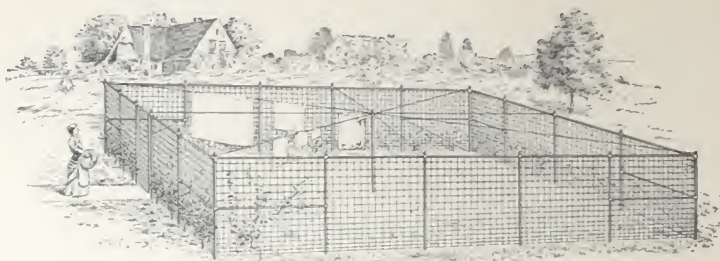


KENNEL YARDS, "GEDNEY FARM," WHITE PLAINS, N. Y.

The yards shown in this illustration were designed and built by us for the new kennels at "Gedney Farm." They consist of twenty separate runs, besides a large exercising yard, and are pronounced by kennel experts to be perfect in arrangement and construction. We make a specialty of work of this kind, which is more fully described in our Supplement No. 32, "FENCES FOR STOCK AND GAME."



POULTRY RUNS, ISLIP, L. I.



DRYING YARD

We build these drying yards of any desired dimensions and of circular or oval shape as well as rectangular. The fence is 7 or 8 feet in height with hooks on each post for the lines. When covered with vines it makes a very effective screen. Prices quoted on application.



BRAIDED WIRE LAWN FENCE

This fence is suitable for a division or boundary line fence, and is also often used for the protection of young hedges. The wire is made of four strands braided together, and will withstand severe strains.

For heights of $3\frac{1}{2}$ feet or less, five wires are used, and six wires for a height of 4 feet and 4 feet 6 inches.

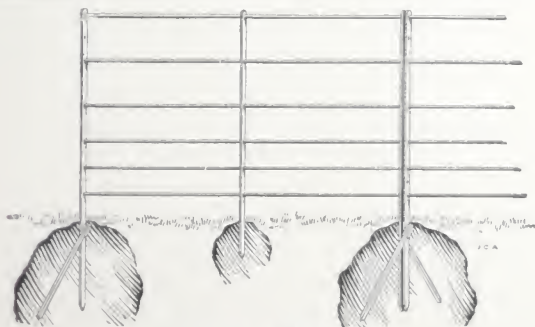
| HEIGHT ABOVE GROUND | PRICE PER LINEAL FOOT POSTS SPACED | | PRICE OF END, CORNER AND GATE POSTS WITH BRACE | PRICE OF GATES | |
|------------------------|---------------------------------------|----------|--|-------------------------------|---------------------------|
| | 8 feet | 10 feet | | SINGLE $3\frac{1}{2}$ feet | DOUBLE 10-foot opening |
| 3 ft. 6 in. | 26 cents | 23 cents | \$5.25 each | \$8.00 | \$19.00 per pair |
| 4 " 6 " | 28 " | 25 " | 5.50 " | 8.00 | 19.00 " |
| 4 " 6 " | 30 " | 27 " | 5.75 " | 9.00 | 21.00 " |



FARM AND PASTURE FENCE

This is one of the strongest and most serviceable fences for cattle pasture or general farm use that it is possible to build. The posts are **extra heavy, galvanized** Anchor Posts, which will outlast wood many times over. The netting is made of a strong steel wire so woven together that it is impossible for stock of any kind to break it.

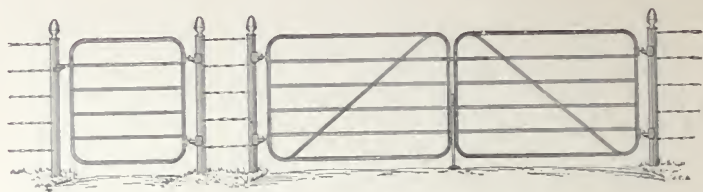
| HEIGHT ABOVE GROUND | PRICE PER LINEAL FOOT POSTS SPACED | | PRICE OF END, CORNER AND GATE POSTS | PRICE OF GATES | |
|------------------------|---------------------------------------|----------|--|-------------------|---------------------------|
| | 10 feet | 12 feet | | SINGLE 3½ feet | DOUBLE 10-foot opening |
| 3 ft. 6 in. | 27 cents | 24 cents | \$7.00 each | \$6.00 | \$15.00 per pair |
| 4 " | 29 " | 26 " | 7.00 " | 6.00 | 15.00 |
| 5 " | 34 " | 30 " | 7.50 " | 7.00 | 17.00 " |



HURDLE FENCE

These hurdles are fitted with our regular drive anchors and are not intended as a portable fence. We also make a somewhat similar hurdle, which may be used as a portable fence, if desired. The drive anchors hold the fence more securely than the portable anchorage, but in all other respects the hurdles are identical.

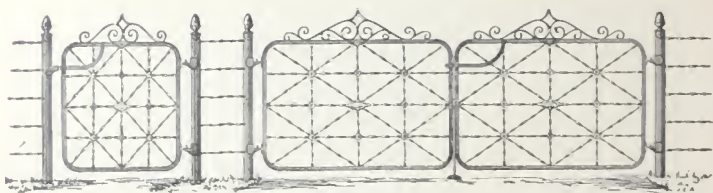
| | | | |
|----------------------|-------------|---------|--------------|
| Height above ground, | 3 ft. 6 in. | 5 bars. | \$3.75 each. |
| " " | 4 " | 6 " | 4.25 " |
| " " | 4 " 6 in. | 7 " | 4.75 " |



SINGLE AND DOUBLE FARM GATE

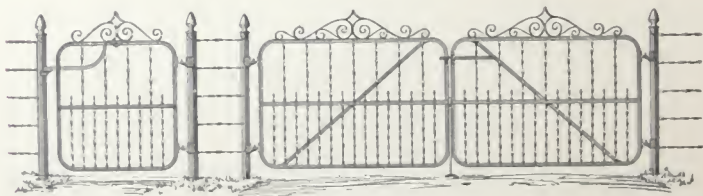
The gates shown on this page are made of a strong steel "T" frame and malleable iron hinges and latches. They can be used with any one of our fences, but with the netting fences it is customary to have the frame of the gate filled with the same netting as in the fence.

Price of Single Gate, exclusive of posts, 3½-ft. opening, **\$6.00**; 4-ft., **\$7.00**
 Price of Double Gate, exclusive of posts, 10-ft. opening, **\$15.00**; 12-ft., **\$17.00**



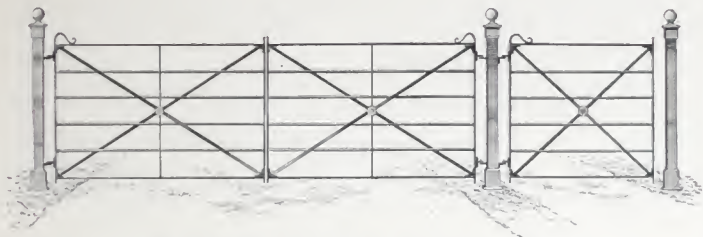
SINGLE AND DOUBLE GATE No. 1

Price of Single Gate, exclusive of posts, 3½-ft. opening, **\$8.00**; 4-ft., **\$9.00**
 Price of Double Gate, exclusive of posts, 10-ft. opening, **\$19.00**; 12-ft., **\$21.00**



SINGLE AND DOUBLE WROUGHT IRON GATE

Price of Single Gate, exclusive of posts, 3½-ft. opening, **\$9.00**; 4-ft., **\$10.00**
 Price of Double Gate, exclusive of posts, 10-ft. opening, **\$24.00**; 12-ft., **\$26.00**



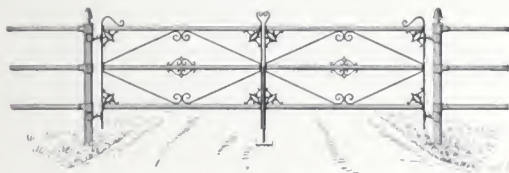
SINGLE AND DOUBLE HURDLE GATE

These gates, which are made with a flat steel frame and round iron rods, are very rigid and substantial. Gate posts No. 100 are 3 in. square, of rolled steel, with cast iron cap and base.

Price of single gate, exclusive of posts, 3½-ft. opening, **\$11.00**; 4-ft., **\$12.00**

Price of double gate, exclusive of posts, 10-ft. opening, **\$28.00**; 12-ft., **\$32.00**

Price of gate posts No. 100, each, **\$10.00.**



DOUBLE PIPE GATE

This gate is made in two sizes of pipe to correspond with the pipe fences shown on pages 9 and 10.

Price exclusive of posts, 1-inch pipe, 10-foot opening, **\$24.00**

Price exclusive of posts, 1¼-inch pipe, 10-foot opening, **\$35.00**



FENCE STEPS

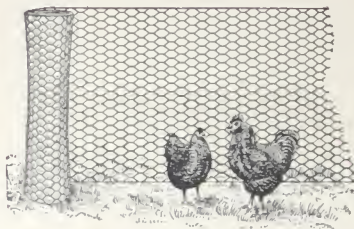
These steps are of service in places where a gate is not desirable. They are made of wrought iron throughout. Price complete, **\$25.00.**



TURNSTILE

This turnstile is adaptable to any kind of wire or pipe fence. It is substantially made, turns easily, and cannot get out of order.

Price each, **\$9.00.**



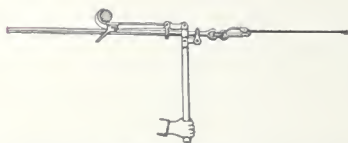
GALVANIZED WIRE NETTING

We carry a large stock of the standard sizes of wire netting, and can ship on short notice. All of our nettings are galvanized after weaving, and are shipped in bales containing 150 lineal feet. For poultry purposes No. 18 wire is most commonly used, either in 1, 1¼, 1½ or 2 inch mesh. For general fence purposes we recommend No. 16 wire. Quotations are based on full bales of 150 feet of any required width. An extra charge is made for cut bales.



TRIUMPH BRAIDED WIRE (FULL SIZE)

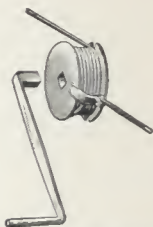
This wire is made of four strands of No. 14 galvanized wire braided together. It is one of the strongest fence cables made. It averages 14 feet to the pound, and is shipped in reels of 60 to 100 lbs.



THE SEDGWICK WIRE PULLER

This device is the most convenient and powerful wire stretcher that we know of. About two feet of slack wire can be taken up at one time by this stretcher, and even when the hand is removed from the lever it will not slip or let go.

Price\$2.50 each



WIRE TIGHTENER

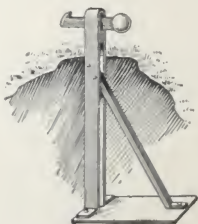
This device, which is less than 2 inches in diameter, can be applied to any smooth or small-sized braided wire. The wire is tightened by one or more turns of the drum, by means of a lever handle, which is then removed, leaving the drum on the wire, as shown in the illustration.

Price of drums 10 cents each

Price of levers 25 cents each



GATE STOP No. 1



GATE STOP No. 2

These stops are used for holding gates open. No. 1 is used for gates in wire fences; No. 2 is stronger and larger and is used with wrought iron entrance gates.

Price per No. 1\$1.25 each

Price per No. 2\$2.50 each



No. 2 is the standard Anchor Post with galvanized wire loop. It is made in one length up to 6 feet above ground. Posts of greater height than 6 feet are of larger diameter (see No. 7).

No. 3 is similar to No. 2, but has top for top rail at 4 inch angle.

No. 4—Hitching Post. This is a tubular galvanized Anchor Post with top for top rail chain. Price, \$2.00; with chain, \$2.50.

No. 5 is a tubular Anchor Post, made in one piece, comes in galv. pipe. It has extra large flange openings for top rail and flange to which the wire cables are attached.

No. 6—Same. This is made with all pipe, except in galv. pipe except those which have a top rail and one corner is not so high.

No. 7 is similar to No. 5 and is made of all pipe, except in galv. pipe, in all pieces and having a pipe top rail.



No. 8 is similar to No. 2 and No. 3, but is in one piece and height. This post is used for all fence 5 feet in height or over.

No. 9—Chain Post. This is a tubular galvanized pipe, 2 inches in diameter, 8 feet in height, above ground. Price, \$1.00.

No. 10 is an extra heavy and comes in galv. pipe for fence 7 and 8 feet in height.

No. 11—Sign Post. A galvanized Anchor Post, 2 1/2 inches in diameter and 5 feet in height, above ground.



VINE ARBOR, DESIGN No. 1

In the arbors and trellises shown on this and succeeding pages we meet the demand for something stronger and more lasting than wood, yet attractive in appearance. We have not tried to imitate wooden arbors and pergolas, but have aimed to make them consistent with the material from which they are constructed. Arbor No. 1 is made of flat steel **galvanized** arches placed 8 feet apart, and connected on top and sides with a galvanized pipe rail. Between these rails wires are run the length of the arbor, spaced about 12 inches apart. Prices are based on the height, width and length, and are quoted on application.



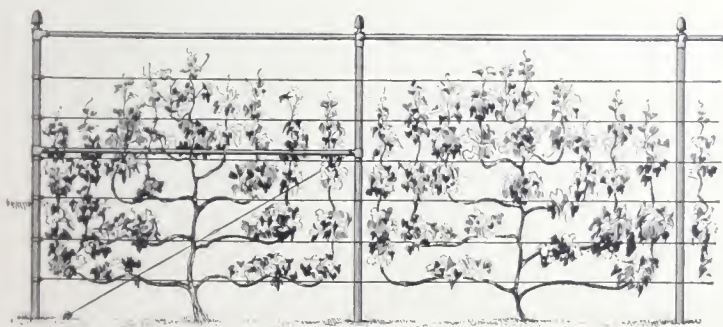
VINE AND FRUIT TREE ARBOR, DESIGN No. 2

This arbor is intended principally for the training of fruit trees, although it can be used equally well for vines. It is somewhat stronger than Arbor No. 1. The arches are spaced 4 feet apart and solid steel rods are used throughout, in place of the wire and pipe rails. The whole structure is **galvanized**.



WROUGHT IRON PERGOLA, DESIGN No. 3

This Pergola is very strongly built. The posts are set in concrete and are furnished either galvanized or painted. The panel posts can be made in great variety of attractive designs. Prices quoted on application.



VINE AND FRUIT TREE TRELLISES, DESIGN No. 4

The trellis shown in this illustration is used for the formal training of vines and fruit trees. It is built with extra heavy, **galvanized** Anchor Posts and pipe top rail. The end posts are fitted with ratchets which enable the wires to be kept always taut.

| HEIGHT ABOVE GROUND | PRICE PER LINEAL FOOT | | PRICE OF END, CORNER AND GATE POSTS WITH BRACE |
|------------------------|-----------------------|----------|--|
| | POSTS SPACED | | |
| | 8 feet | 10 feet | |
| 5 feet | 48 cents | 42 cents | \$6.50 each |
| 6 " | 53 " | 47 " | 7.00 " |
| 7 " | 58 " | 51 " | 7.50 " |



GARDEN GATE AND WIRE ESPALIER, DESIGN No. 5

We have equipped a number of gardens with these wire espaliers. The upright supports are made of grooved steel bars supported on short arms, which are driven into the seams between the bricks of the wall. The wires are kept taut by means of ratchets at the ends of the trellis or by the tightening device shown on page 22.



GARDEN ARCH

These arches are made of heavy wire with either channel or round steel binding. They can be furnished in any desired width or height, and from one to three feet in depth.

Prices quoted on application.



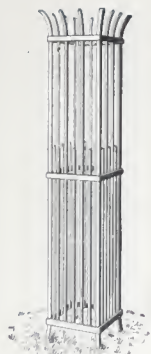
PLANT SUPPORTER

These plant stakes are much stronger and more substantial than the wooden stakes sold for this purpose, and are highly recommended by all gardeners who have used them.

Prices quoted on application.



TREE GUARD No. 1



TREE GUARD No. 2



TREE GUARD No. 3

Tree Guard No. 1 is made of expanded metal, is 6½ feet in height and 12 inches in diameter. It is very much stronger and better than any form of wire guard, and is the standard tree box used and recommended by the New York Tree Planting Association.

Price each..... \$2.50

Tree Guard No. 2 is a strong, serviceable guard which can be furnished in any height and width desired. The corner bars are made of angle iron; the centre ones are square. Prices quoted on application.

Tree Guard No. 3 is somewhat more ornamental than No. 2. All of the upright pickets are square bars. This guard is made in several weights of material and any height required. Prices quoted on application.



FIELD GUARD FOR TREES

This guard is used for the protection of young trees from cattle. It is usually made from 6 to 8 feet in diameter, and 4 feet or more high. The guard is made in sections, and is bolted together after it is set up. Prices quoted on application.



FLOWER BED AND LAWN GUARD

This guard is used for the protection of lawns and flower beds. It is made of heavy galvanized wire, and is shipped in rolls of any desired length. The guard is 12 inches or 18 inches in height, the space between the pickets or wires being 3 inches.

Price per lineal foot, 12 inches high..10 cents

Price per lineal foot, 18 inches high..11 cents



THE designing and construction of entrance gates and iron railings form one of the main branches of our business. We have put up many miles of railings on private places, as well as for some of the best-known corporations, cemeteries, public institutions, parks and race courses of the country. The illustrations on the following pages denoted as "special designs" are reproductions of work built by us either from architects' plans or from drawings of our own. It is our rule not to duplicate work made from special designs; only the plainer and cheaper styles are used for stock patterns. We make no charge for original sketches, but all such drawings are our property until accepted by the customer and the order placed with us. They then become the property of the purchaser.

Although we prefer to work from the plans of a competent architect or engineer, we will, if desired, make our own surveys for grades and measurements, prepare the designs and take entire charge of the work. In addition to our shop equipment, which is planned especially for work of this kind we have a trained force of outside men whom we employ exclusively for the setting up of our gates and railings.

In writing for estimates on entrance gates, state as accurately as possible the width of the driveway, the situation and surroundings of the proposed entrance and style of architecture of the house or adjoining buildings. Or, if preferred, we will send one of our representatives to your property to take measurements, from which drawings can be prepared and prices quoted.

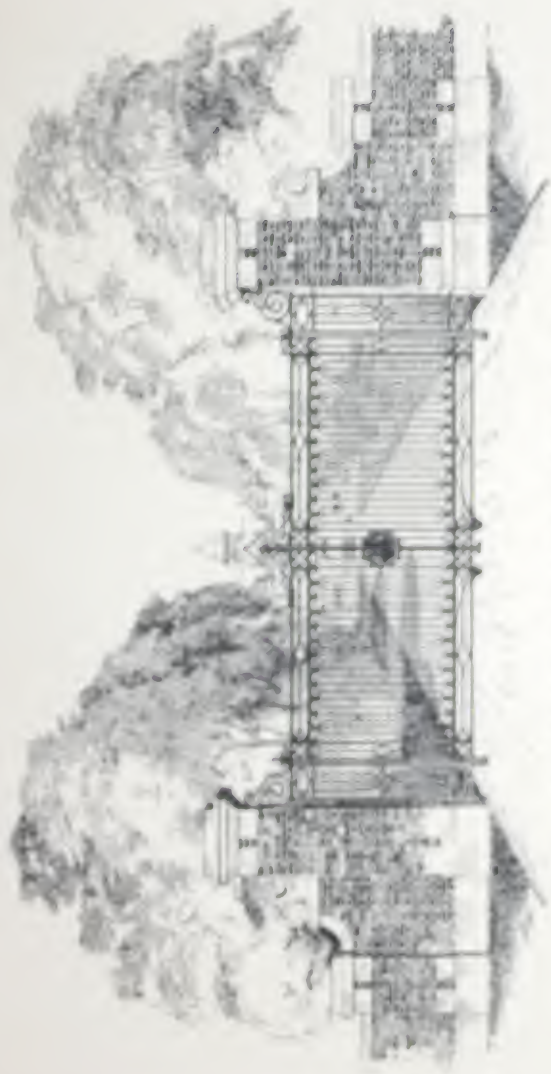


ENTRANCE GATE, LOWELL CEMETERY, LOWELL, MASS.

This photograph shows the new entrance to Lowell Cemetery, built by an iron bridge by Olin C. Grant. The gateway is 66 feet wide between posts and 14 feet in height.



ENTRANCE GATE AND RAILING, SPECIAL DESIGN
Bernardsville, N. J.



ENTRANCE GATE, RYE, N. Y.

Built from design by C. W. Layart



ENTRANCE GATES AND RAILING, WOODLAWN CEMETERY, WOODLAWN, N. Y.

Built from designs by Charles W. Leavitt

This illustration, reproduced from a photograph, shows the main entrance to Woodlawn Cemetery. The driveway gates measure 20 feet from pier to pier, and are 12 feet high. Part of the railing surrounding the cemetery, which was also built by us, and which is over 10,000 feet in length, is also shown.

This illustration, reproduced from a photograph, shows the main entrance to Woodlawn Cemetery. The driveway gates measure 20 feet from pier to pier, and are 12 feet high. Part of the railing surrounding the cemetery, which was also built by us, and which is over 10,000 feet in length, is also shown.



ENTRANCE GATE AND RAILING, SPECIAL DESIGN No. 58

Built at Morristown, N. J., from designs by Roos & Booraem



ENTRANCE GATE, SPECIAL DESIGN

Ossining, N. Y.



ENTRANCE GATE, SPECIAL DESIGN No. 53
Glen Cove, L. I.



ENTRANCE GATE, DESIGN No. 54



ENTRANCE GATE, DESIGN No. 54



ENTRANCE GATE, SPECIAL DESIGN No. 57
Glen Ridge, N. J.



ENTRANCE GATE, DESIGN No. 50



ENTRANCE GATE, DESIGN No. 51



ENTRANCE GATES, DESIGN No. 49



IRON railings can be set either on a stone wall having a substantial coping, on stone blocks or on cast iron foundations set in the ground. We recommend the use of iron foundations in preference to stone blocks for the following reasons:

1st. They are much cheaper and more easily set, and if cast of thick metal are practically indestructible.

2d. Owing to their shape, which is broad at the bottom and narrow at the top, they will hold their position in the ground better than stone blocks, which, from their great weight, either settle or are shifted out of line by the action of frost.

3d. The cast iron foundations are so constructed that in case the ground on which the railing is built does settle, the railing can be readjusted without digging up or moving the foundation.

4th. It is not difficult or very expensive to set these foundations in concrete, and when so set we have never known of an instance where a railing has shifted out of its true line, or settled.

Good designing and careful shop construction are of the utmost importance in railing making, but to these two essentials must be added a third, namely, the setting of the fence. If this is done by careless or incompetent workmen, the appearance of the whole railing is ruined and all the care and skill that have been expended upon it are practically lost.

We can offer no better evidence that our work is correctly put up than the following illustrations. We know that our railings are well made; the photographs, we think, prove that they are equally well set up.



THE illustrations on this and the following pages show a few of the railings put up by us for well-known corporations and individuals. Many other designs, photographs and samples of our work may be seen at our office and sales-rooms. A collection of photographs and technical books descriptive of the iron work of France, England and Germany is also at the disposal of

our customers. We make wrought iron vestibule doors, window guards, lanterns, brackets, etc., from special designs.



RAILING AT "FAIR COURT," BERNARDSVILLE, N. J.

This railing is $7\frac{1}{2}$ feet in height and 1,700 feet in length. The ornamental panel posts are set in the fence at distances of 40 feet.



WROUGHT IRON RAILING, WOODLAWN CEMETERY

This railing is 7 feet in height and over 10,000 feet in length. It is set on heavy stone coping.



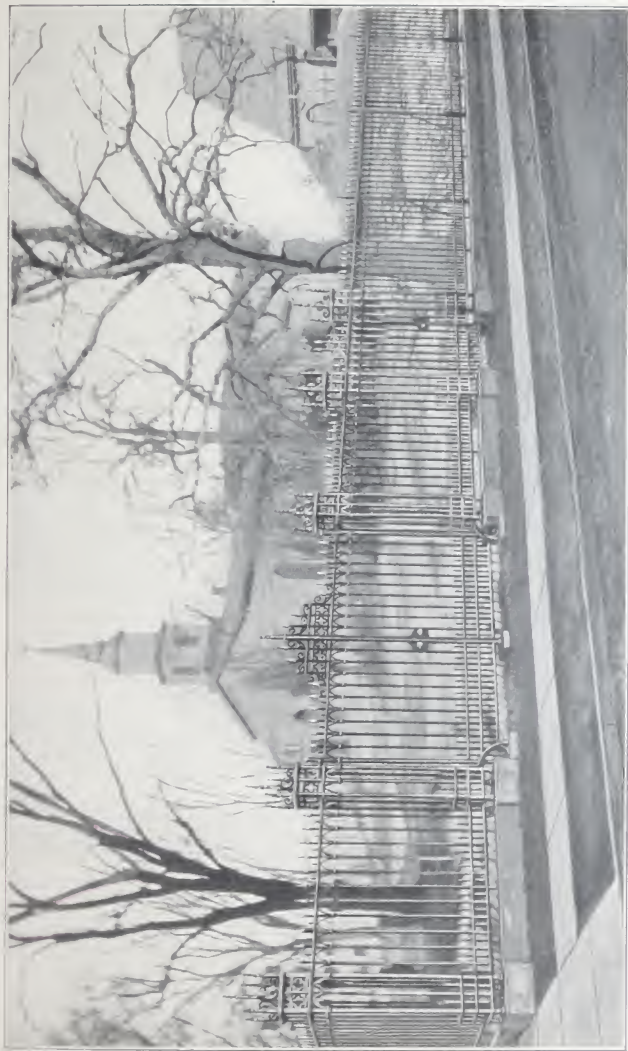
RAILING AND GATE, ISLIP, L. I.



RAILING AT "CASTLEGOULD," Port Washington, L. I.

This railing is 9 ft. in height and 2,000 ft. in length. It is supported upon heavy cast iron foundations set in concrete.

CAST IRON RAILING, A PAT. WASHINGTON, D. C.
This railing is 9 ft. in height and 2,000 ft. in length. It is supported upon heavy cast iron foundations set in concrete.



GATES AND RAILING, ST. ANN'S CHURCH
St. Ann's Avenue, New York City

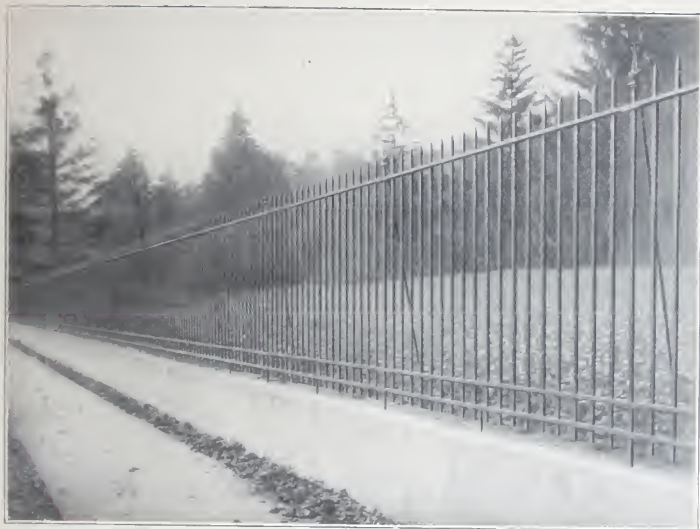


RAILING, BELMONT PARK, QUEENS, L. I.

This illustration shows a part of a mile of iron railing built by us for the Westchester Racing Association at their new Belmont Park Track, Queens, L. I. We also constructed for the same corporation a very extensive system of entrance gates, and between three and four miles of unclimbable netting fence, surrounding the track and railroad terminal.

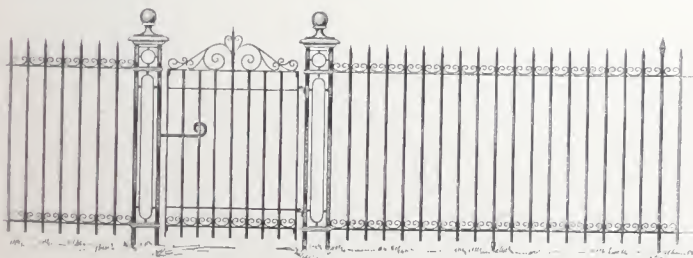


RAILING AND GATE, ELBERON, N. J.



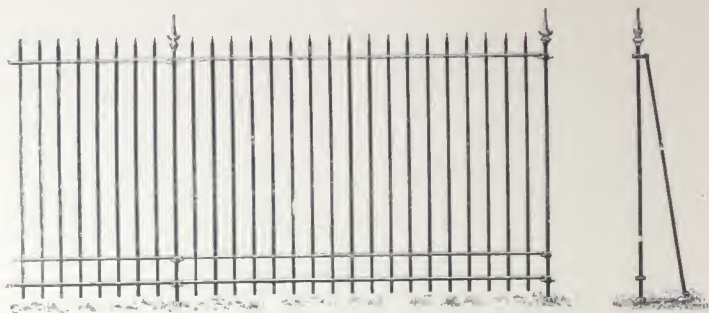
RAILING ON CONCRETE WALL, MORRISTOWN, N. J.

This photograph illustrates our method of setting iron railings on concrete walls and copings. Sockets are built into the wall at required intervals to receive the post as well as the back brace. The brace is adjustable by means of nuts, a device that makes it possible to set the railing in perfect alignment.

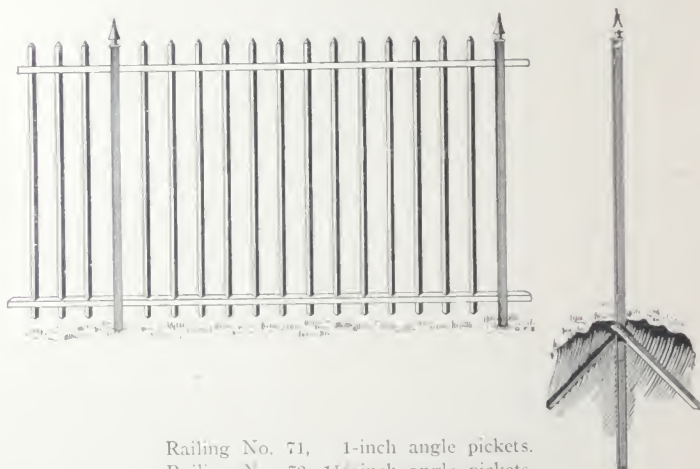


POSTS No. 70.

Railing No. 61, $\frac{5}{8}$ -inch square pickets. Railing No. 63, $\frac{7}{8}$ -inch square pickets.
Railing No. 62, $\frac{3}{4}$ -inch square pickets. Railing No. 64, 1-inch square pickets.



Railing No. 66, $5\frac{1}{8}$ -inch square pickets. Railing No. 68, $\frac{7}{8}$ -inch square pickets.
 Railing No. 67, $\frac{3}{4}$ -inch square pickets. Railing No. 69, 1-inch square pickets.



Railing No. 71, 1-inch angle pickets.
 Railing No. 72, $1\frac{1}{4}$ -inch angle pickets.

This is a type of railing that is cheap, but nevertheless strong and effective. The pickets are made of hard steel angles set in rails of the same material. The pickets are forged into points on the top. The posts are fitted with extra large drive anchors. This railing is designed particularly for factory purposes or for boundry line fences, for cemeteries, institutions and private places.



POST No. 90

Railing No. 91, $\frac{1}{2}$ -inch round pickets. Railing No. 93, $\frac{3}{4}$ -inch round pickets.
Railing No. 92, $\frac{1}{2}$ -inch square pickets. Railing No. 94, $\frac{5}{8}$ -inch square pickets.



POST No. 100

Railing No. 96, $\frac{1}{2}$ -inch round pickets. Railing No. 98, $\frac{3}{4}$ -inch round pickets.
Railing No. 97, $\frac{1}{2}$ -inch square pickets. Railing No. 99, $\frac{5}{8}$ -inch square pickets.



POST No. 100

Railing No. 101, $\frac{1}{2}$ -inch round pickets. Railing No. 103, $\frac{3}{4}$ -inch round pickets.
Railing No. 102, $\frac{1}{2}$ -inch square pickets. Railing No. 104, $\frac{5}{8}$ -inch square pickets.



HOUSE DOOR, SPECIAL DESIGN



HOUSE DOOR, SPECIAL DESIGN

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The Federal Printing Co., New York.



